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| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT February 9, 2006 <small>(Use as many sheets as necessary)</small> | | Complete if Known | |
| | | Application Number | 10/018,188 |
| | | Filing Date | 12/18/2001 |
| | | First Named Inventor | Naoyuki KOYAMA |
| | | Art Unit | 3724 |
| Sheet 1 of 2 | Examiner Name | Timothy V. Flay | |
| | Attorney Docket Number | 511.40998X00 | |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------------------|--------------------------|--|--|--------------------------------|--|---|
| Examiner Initials ¹ | Cite No. ¹ | Document Number | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (if known) | | | | |
| TE | | US- 4,222,747 | | 09/16/1980 | J-C Dauquet, et al. | |
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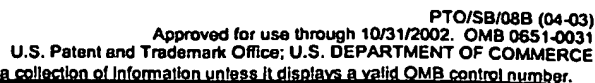
| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------------|-----------------------|---|--------------------------------|--|---|----------------|
| Examiner Initials ¹ | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | Country Code ² -Number ³ -Kind Code ⁴ (if known) | | | | |
| TR | | EP 0 373 501 | 06/20/1990 | S. K. Sasaki | | |
| I | | EP 0 846 740 | 06/10/1998 | M. Ronay | | |
| I | | WO 99/64527 | 12/16/1999 | V. Sachan, et al. | | |
| TR | | EP 0 820 092 | 01/21/1998 | J. Matsuzawa, et al. | | |
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|--------------------|-----------------|-----------------|---------|
| Examiner Signature | Timothy V. Flay | Date Considered | 3/13/06 |
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| Complete If Known | |
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| Application Number | 10/018,188 |
| Filing Date | 12/18/2001 |
| First Named Inventor | Naoyuki KOYAMA |
| Group Art Unit | 3724 |
| Examiner Name | Timothy7 V. Eley |
| Attorney Docket Number | 511.40998X00 |

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